Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047019.D
Acq On : 21 Oct 2020 20:36
Operator : CG/JU
Sample : SSTD02025
Misc : GCMS CONFIRMATION
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02025

Manual Integrations APPROVED
mohammad
10/26/2020 10:31:35 AM

Quant Time: Oct 22 05:11:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 05:01:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53105	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	212617	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	151061	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	374757	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	401237	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	410441	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	11329	9.47	ng/uL	0.00
5) Phenol-d5	7.21	99	90930	19.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	53723	19.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	72219	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	72504	19.38	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	35409	19.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	40418	19.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	78949	19.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	64041	13.78	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	250488	19.96	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	291925	20.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	39551	18.29	ng/ul	0.00
58) Fluorene-d10	15.68	176	232239	20.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	49414	19.15	ng/ul	0.00
71) Anthracene-d10	17.54	188	354727	19.54	ng/ul	0.00
79) Pyrene-d10	19.81	212	446643	20.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	437149	18.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	10564	7.405	ng/uL	100
4) Benzaldehyde	7.19	77	54737m	20.084	ng/ul	
6) Phenol	7.24	94	89629	18.263	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.48	93	69458	18.675	ng/ul	100
10) 2-Chlorophenol	7.62	128	71308	20.208	ng/ul	100
11) 2-Methylphenol	8.50	108	69352	18.968	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.59	45	105284	19.791	ng/ul	100
14) Acetophenone	8.89	105	114532	19.086	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.86	70	60453	19.208	ng/ul	100
16) 4-Methylphenol	8.83	108	74789	19.272	ng/ul	100
17) Hexachloroethane	9.15	117	30829	19.175	ng/ul	100
20) Nitrobenzene	9.27	77	94230	19.325	ng/ul	100
21) Isophorone	9.79	82	171975	19.167	ng/ul	100
23) 2-Nitrophenol	9.98	139	41040	18.999	ng/ul	100
24) 2,4-Dimethylphenol	10.04	107	85170	18.690	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.27	93	96154	18.792	ng/ul	100
27) 2,4-Dichlorophenol	10.52	162	74266	18.465	ng/ul	100
28) Naphthalene	10.93	128	232803	18.976	ng/ul	100
30) 4-Chloroaniline	11.03	127	61775	13.886	ng/ul	100
31) Hexachlorobutadiene	11.21	225	63847	18.630	ng/ul	100
32) Caprolactam	11.78	113	26419m	19.409	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	79075	18.791	ng/ul	100
34) 2-Methylnaphthalene	12.52	142	167789	18.602	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	197742	22.227	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	113386	19.247	ng/ul	100
38) Hexachlorocyclopentadiene	12.87	237	69359	17.730	ng/ul	100
39) 2,4,6-Trichlorophenol	13.12	196	72120	19.892	ng/ul	100
40) 2,4,5-Trichlorophenol	13.20	196	72385	18.912	ng/ul	100
41) 1,1'-Biphenyl	13.53	154	236225	19.386	ng/ul	100
42) 2-Chloronaphthalene	13.57	162	190549	19.519	ng/ul	100
43) 2-Nitroaniline	13.77	65	57788	19.731	ng/ul	100
45) Dimethylphthalate	14.14	163	249669	19.191	ng/ul	100
46) 2,6-Dinitrotoluene	14.26	165	53804	20.233	ng/ul	100
48) Acenaphthylene	14.42	152	271704	18.792	ng/ul	100
49) 3-Nitroaniline	14.59	138	35122	15.934	ng/ul	100
50) Acenaphthene	14.76	153	197294	19.460	ng/ul	100
51) 2,4-Dinitrophenol	14.80	184	23376	13.926	ng/ul	100
53) 4-Nitrophenol	14.89	109	39828	17.546	ng/ul	100
54) Dibenzofuran	15.09	168	285653	18.960	ng/ul	100
55) 2,4-Dinitrotoluene	15.04	165	75756	19.847	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.31	232	75493	19.913	ng/ul	100
57) Diethylphthalate	15.50	149	248972	19.187	ng/ul	100
59) Fluorene	15.74	166	235978	19.087	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.73	204	137173	19.037	ng/ul	100
61) 4-Nitroaniline	15.75	138	39030	15.871	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.81	198	50705	18.269	ng/ul	100
65) N-Nitrosodiphenylamine	15.94	169	209421	19.044	ng/ul	100
66) 4-Bromophenyl-phenylether	16.62	248	93491	18.702	ng/ul	100
67) Hexachlorobenzene	16.74	284	102327	19.652	ng/ul	100
68) Atrazine	16.88	200	93524	19.253	ng/ul	100
69) Pentachlorophenol	17.08	266	56882	17.601	ng/ul	100
70) Phenanthrene	17.48	178	410271	19.132	ng/ul	100
72) Anthracene	17.57	178	415939	19.203	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	118546	19.902	ng/uL	100
74) Pentachlorobenzene	15.01	250	114530	18.738	ng/uL	100
75) Carbazole	17.83	167	328740	18.900	ng/ul	100
76) Di-n-butylphthalate	18.39	149	431764	18.970	ng/ul	100
77) Fluoranthene	19.49	202	540466	20.640	ng/ul	100
80) Pyrene	19.84	202	541364	19.937	ng/ul	100
81) Butylbenzylphthalate	20.73	149	197372	19.973	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.60	252	141874	15.116	ng/ul	100
83) Benzo(a)anthracene	21.68	228	532158	19.216	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.58	149	268860	19.054	ng/ul	100
85) Chrysene	21.75	228	516124	19.317	ng/ul	100
87) Di-n-octyl phthalate	22.80	149	461925	19.581	ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	532773	18.713	ng/ul	100
89) Benzo(k)fluoranthene	23.98	252	514919	18.754	ng/ul	100
91) Benzo(a)pyrene	24.79	252	480726	18.781	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.63	276	587920	18.749	ng/ul	100
93) Dibenzo(a,h)anthracene	28.69	278	480788	18.489	ng/ul	100
94) Benzo(g,h,i)perylene	29.77	276	490684	18.642	ng/ul	100

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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